

The health and safety of Liverpool Hospital patients, visitors and staff is a priority for the Liverpool Health and Academic Precinct redevelopment team. This information sheet outlines how the project team is managing dust, noise and vibration during construction of the project.

### Dust management

Reducing and managing dust caused by demolition and construction is important to us. A broad range of dust mitigation measures will be implemented for the project, depending on the nature of the work that is being carried out. These include:

- sealed construction site hoarding and installation of site perimeter dust protection
- changing the activities that take place during high winds and periods of inclement weather
- the use of covers on truck loads and material stockpiles
- application of 'dust block' which seals dirt to ensure it doesn't become airborne
- the use of road sweepers along surrounding roads to collect dust and dirt as required
- the use of hand-held water sprays and construction vehicle water carts to minimise dust
- dust monitors installed around the site and real-time tracking during construction.

### Noise and vibration mitigation

Demolition and construction works will often be close to existing hospital buildings, with a Demolition/Excavation/Construction Noise and Vibration Impact Assessment setting out how noise and vibration impacts are managed. Mitigation measures include:

- programming potentially noisy works at times to best minimise impact and disruption where possible
- providing respite periods during high noise activities
- use of sound rated construction site hoarding to reduce noise impacts
- noise and vibration monitoring
- selection of equipment, machinery and construction work methods that generate less noise and vibration
- conducting noise and vibration assessments prior to commencement of works
- installation of acoustic barriers where feasible.

Areas that might be subject to short-duration higher noise and vibration will be notified prior to the activity commencing, with mitigation measures implemented.

Where the impacts are longer in duration or in sensitive areas, noise and vibration monitors will be installed and connected to a network to enable real-time alarms and monitoring. When set levels are neared or exceeded, the construction management team and appropriate department managers will be notified and immediate action taken.

### Concerns or questions?

An extensive program of demolition and construction work is scheduled to take place on campus as works on the Liverpool Health and Academic Precinct continue.

If you have concerns or questions, or if you identify any hazards, please contact the project team by phone on (02) 8738 6670 or email [SWSLHD-LHAP@health.nsw.gov.au](mailto:SWSLHD-LHAP@health.nsw.gov.au)

THANK YOU FOR YOUR PATIENCE AS WE BUILD THE LIVERPOOL HEALTH AND ACADEMIC PRECINCT